

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035139.D
 Acq On : 18 Apr 2023 21:52
 Operator : JC/MD
 Sample : 02397-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML5

Quant Time: Apr 19 01:37:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

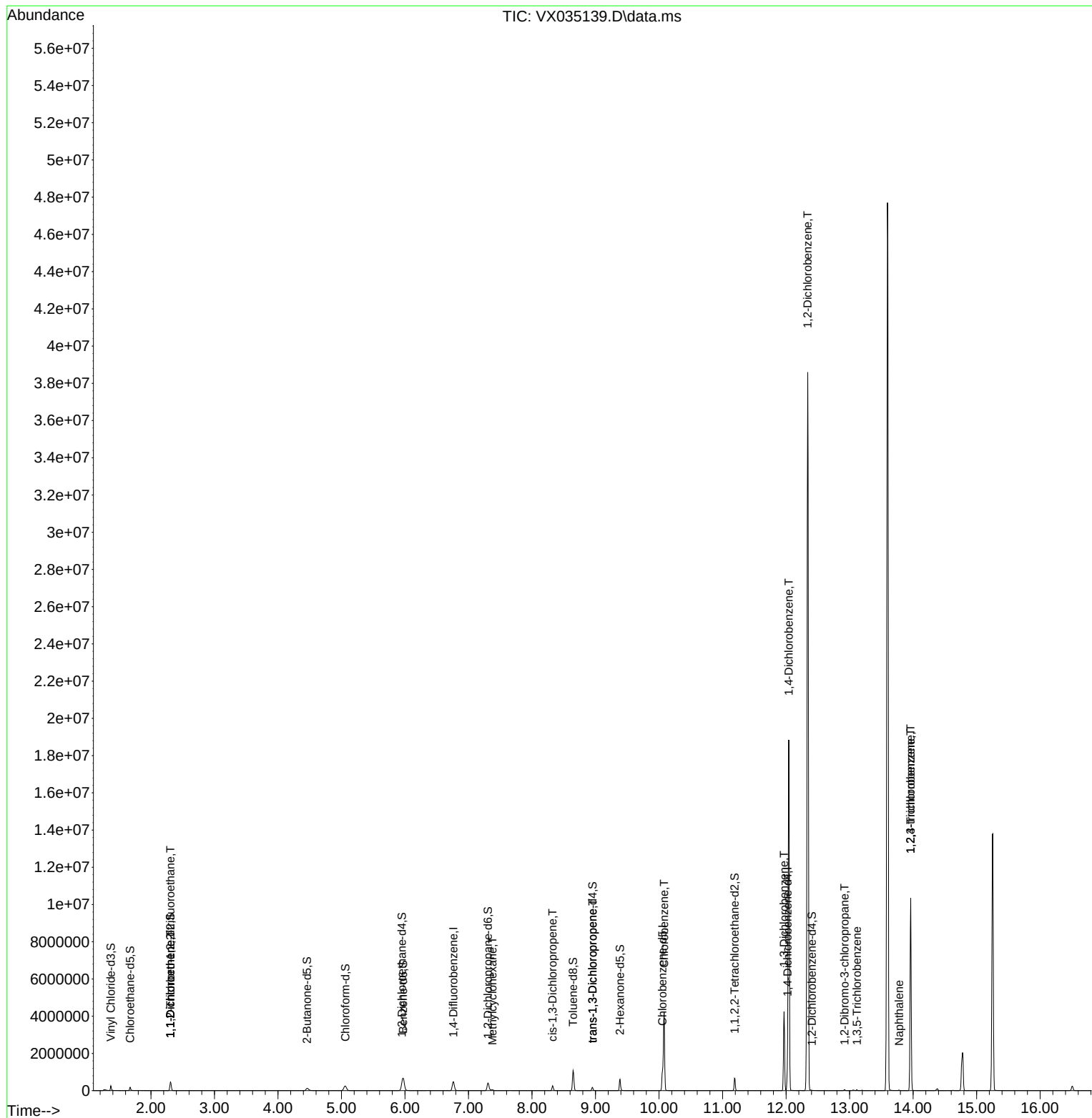
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	500357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	440242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224202	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	169613	52.572	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.140%			
7) Chloroethane-d5	1.672	69	126402	54.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.440%			
11) 1,1-Dichloroethene-d2	2.306	65	82188	53.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.480%			
21) 2-Butanone-d5	4.459	46	241663	112.401	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.400%			
24) Chloroform-d	5.062	84	325613	53.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.180%			
26) 1,2-Dichloroethane-d4	5.952	65	215164	55.147	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.300%			
32) Benzene-d6	5.970	84	700694	55.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.820%			
36) 1,2-Dichloropropane-d6	7.306	67	212784	55.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.160%			
41) Toluene-d8	8.647	98	632666	54.739	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.480%			
43) trans-1,3-Dichloroprop...	8.952	79	85995	50.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.880%			
47) 2-Hexanone-d5	9.384	63	176416	113.722	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.720%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	260701	55.105	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.220%			
66) 1,2-Dichlorobenzene-d4	12.408	152	26	0.006	ug/L	0.09
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.020%#			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2505	0.765	ug/L #	20
12) 1,1-Dichloroethene	2.306	96	2119	0.709	ug/L #	1
35) Methylcyclohexane	7.379	83	18195	3.810	ug/L #	80
39) cis-1,3-Dichloropropene	8.324	75	5570	1.061	ug/L #	65
44) trans-1,3-Dichloropropene	8.952	75	3832	0.810	ug/L	83
51) Chlorobenzene	10.079	112	1763313	193.497	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	1329930	191.276	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	5518554	775.653	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	11228307	1592.672	ug/L #	79
68) 1,2-Dibromo-3-chloropr...	12.920	75	8401	8.225	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.115	180	11578	2.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.963	180	2074455	515.408	ug/L	98
71) Naphthalene	13.780	128	18278	1.275	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	2337444	588.274	ug/L	98

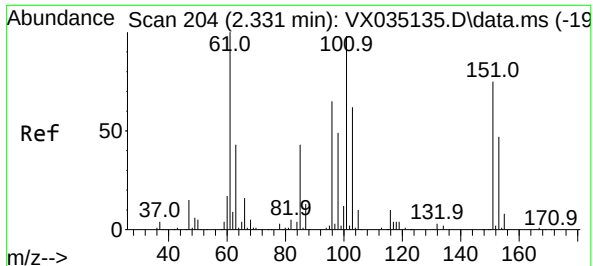
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.765 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.024 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

Instrument :

MSVOA_X

ClientSampleId :

COML5

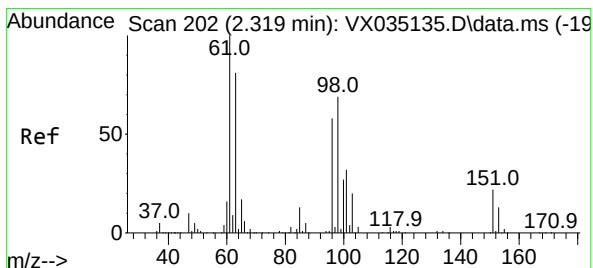
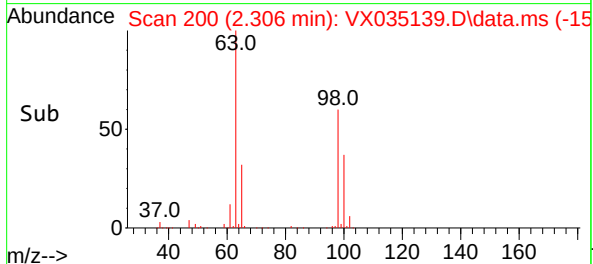
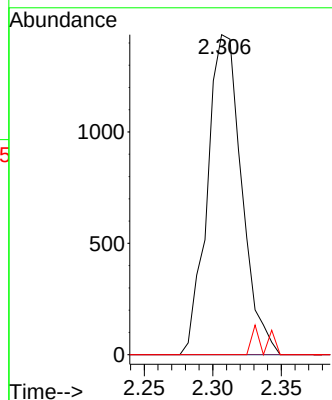
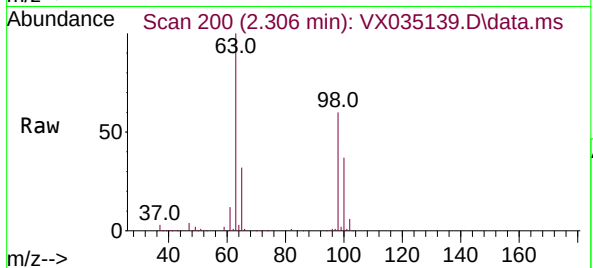
Tgt Ion:101 Resp: 2505

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

151 2.0 61.1 91.7#



#12

1,1-Dichloroethene

Concen: 0.709 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

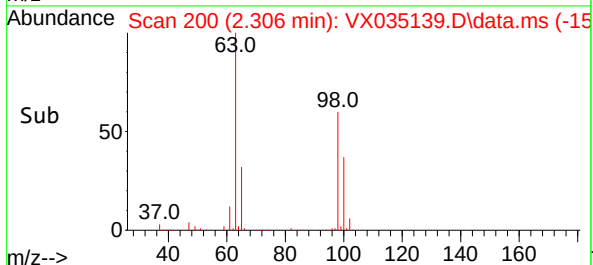
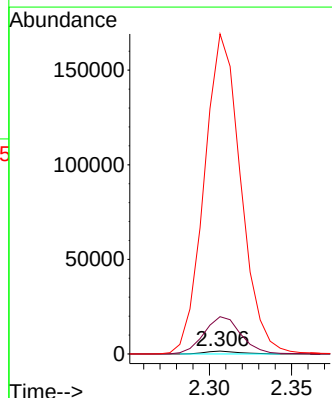
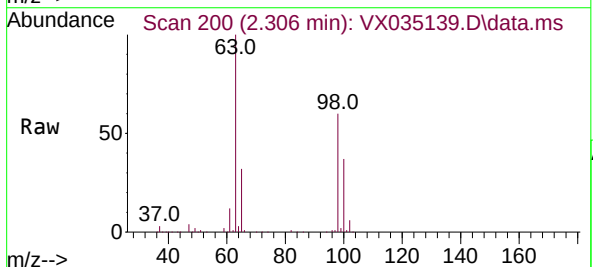
Tgt Ion: 96 Resp: 2119

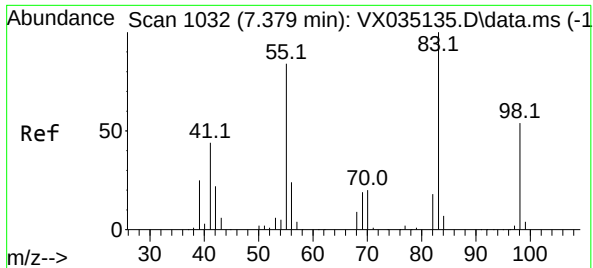
Ion Ratio Lower Upper

96 100

61 1319.0 119.0 221.0#

63 11337.3 91.0 169.0#

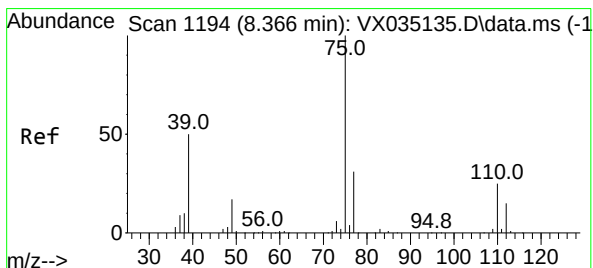
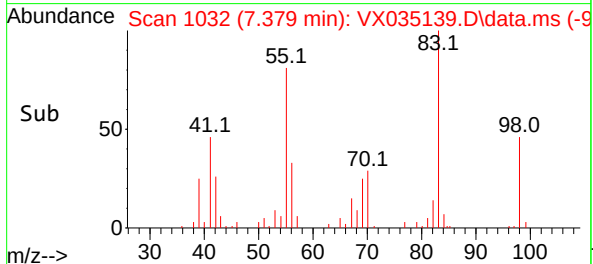
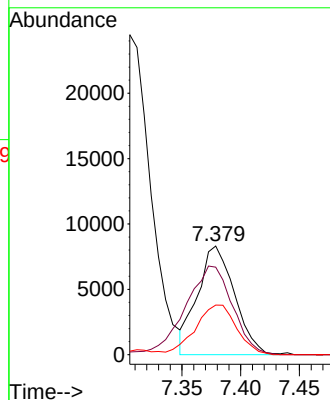
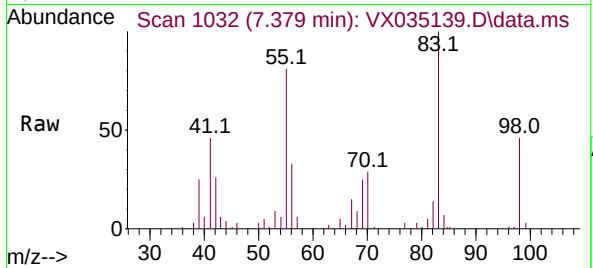




#35
Methylcyclohexane
Concen: 3.810 ug/L
RT: 7.379 min Scan# 1187
Delta R.T. 0.000 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

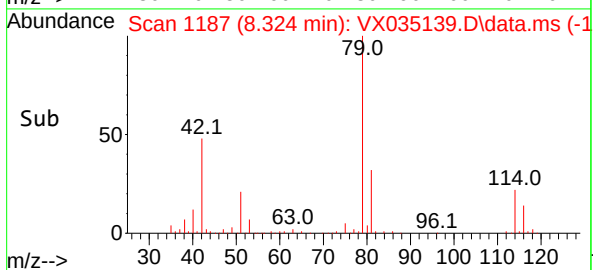
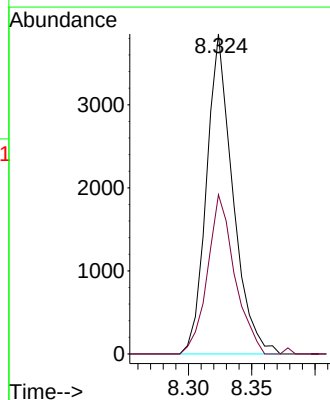
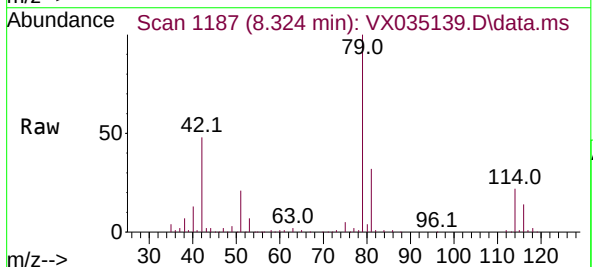
Instrument :
MSVOA_X
ClientSampleId :
COML5

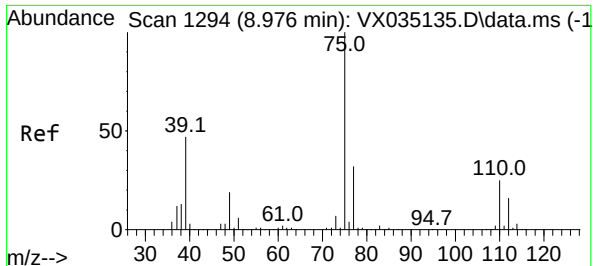
Tgt Ion: 83 Resp: 18195
Ion Ratio Lower Upper
83 100
55 104.8 62.2 93.2#
98 50.7 39.3 58.9



#39
cis-1,3-Dichloropropene
Concen: 1.061 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

Tgt Ion: 75 Resp: 5570
Ion Ratio Lower Upper
75 100
77 49.8 21.4 39.8#

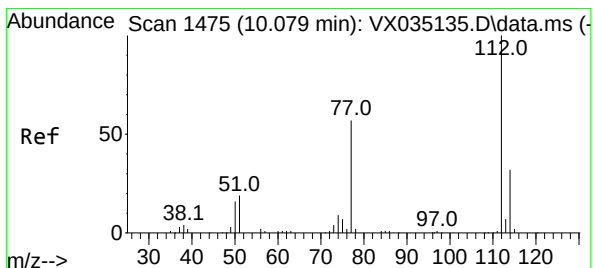
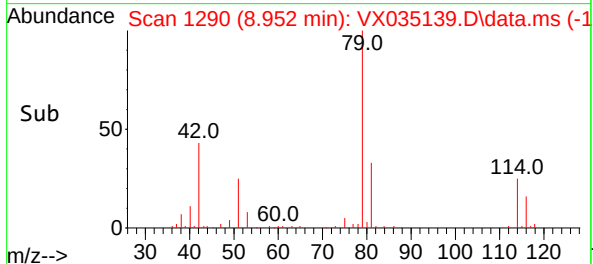
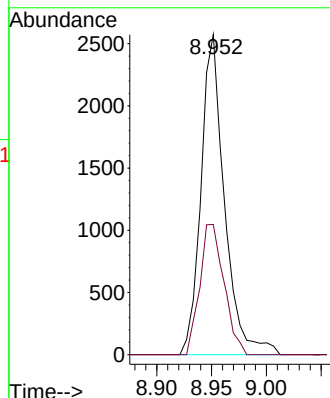
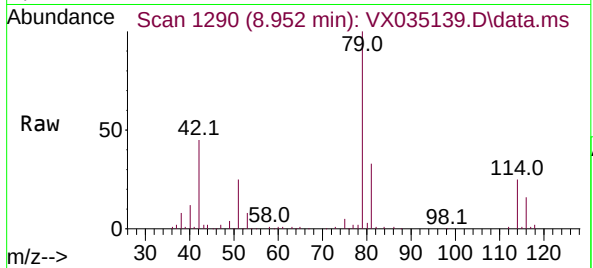




#44
trans-1,3-Dichloropropene
Concen: 0.810 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

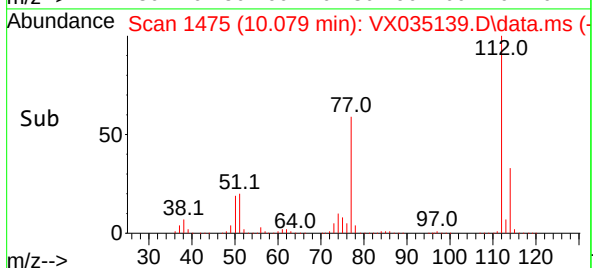
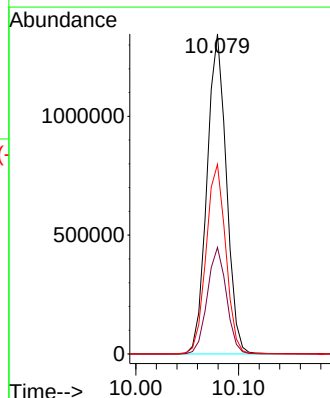
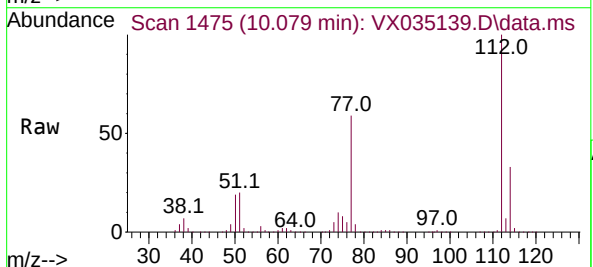
Instrument :
MSVOA_X
ClientSampleId :
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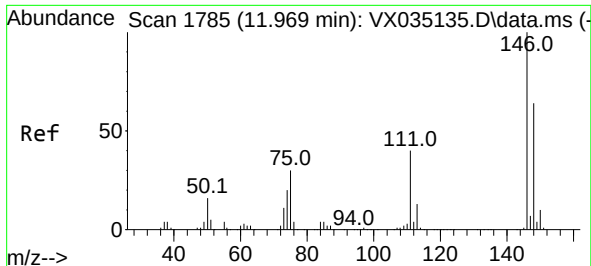
Tgt Ion: 75 Resp: 3832
Ion Ratio Lower Upper
75 100
77 40.7 22.0 40.8



#51
Chlorobenzene
Concen: 193.497 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

Tgt Ion: 112 Resp: 1763313
Ion Ratio Lower Upper
112 100
114 33.3 22.4 41.6
77 59.2 47.0 70.6

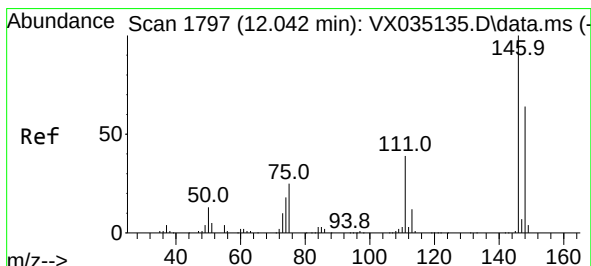
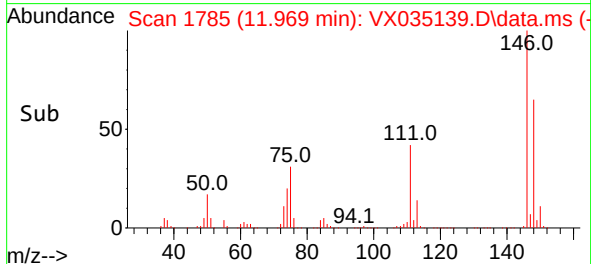
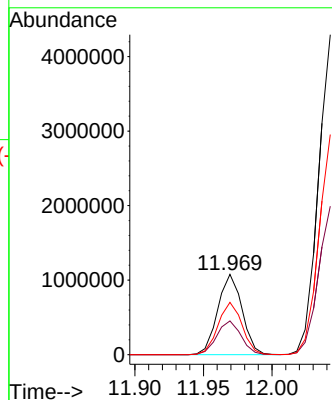
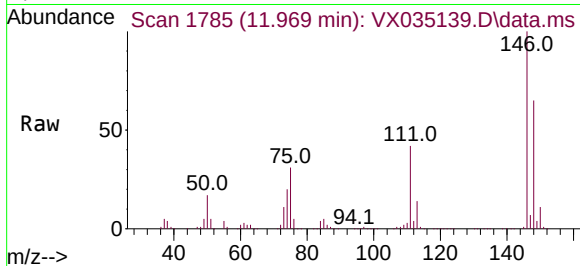




#64
1,3-Dichlorobenzene
Concen: 191.276 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

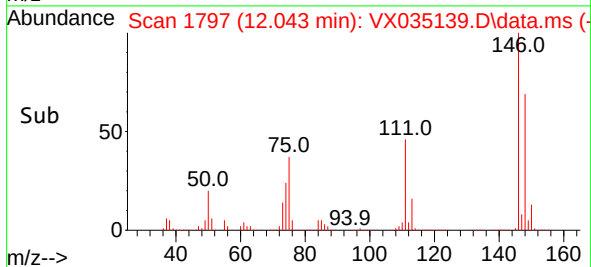
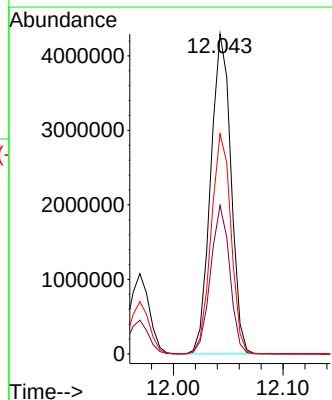
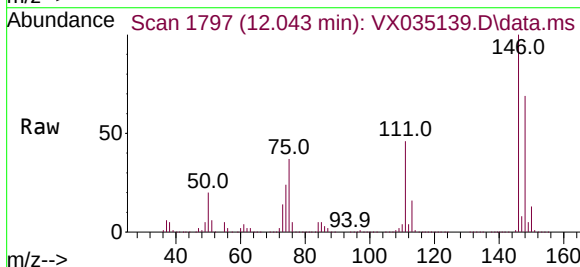
Instrument :
MSVOA_X
ClientSampleId :
COML5

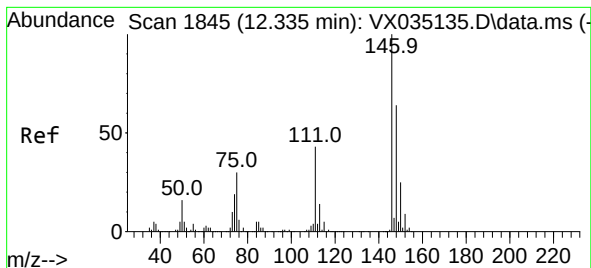
Tgt Ion:146 Resp: 1329930
Ion Ratio Lower Upper
146 100
111 42.0 28.9 53.7
148 65.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 775.653 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035139.D
Acq: 18 Apr 2023 21:52

Tgt Ion:146 Resp: 5518554
Ion Ratio Lower Upper
146 100
111 46.4 27.9 51.7
148 68.8 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1592.672 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

Instrument :

MSVOA_X

ClientSampleId :

COML5

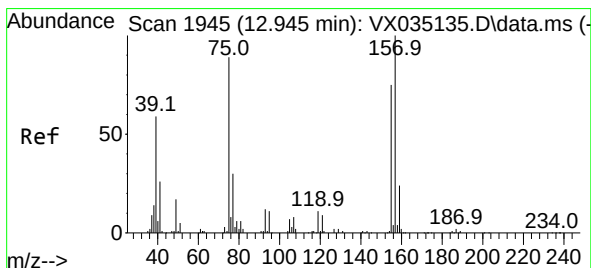
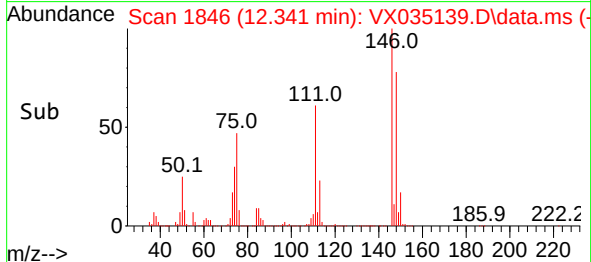
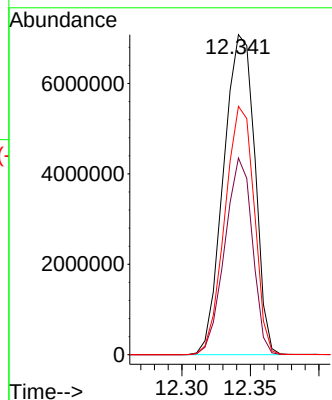
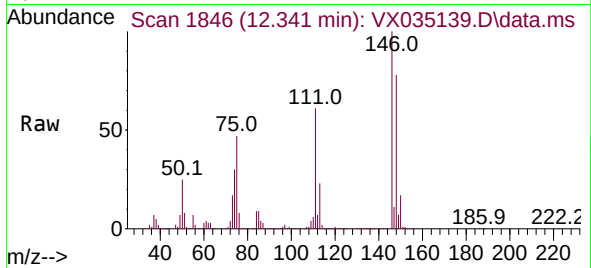
Tgt Ion:146 Resp:11228307

Ion Ratio Lower Upper

146 100

111 61.5 34.7 52.1#

148 77.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 8.225 ug/L

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

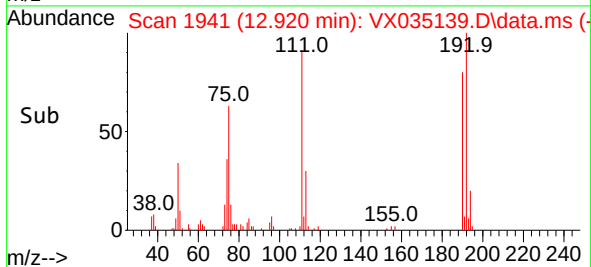
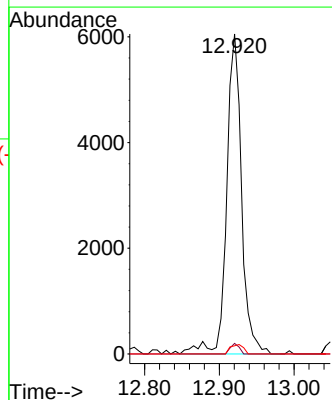
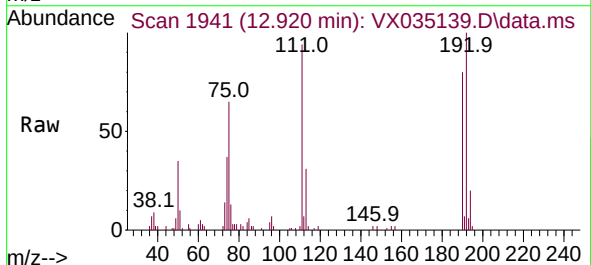
Tgt Ion: 75 Resp: 8401

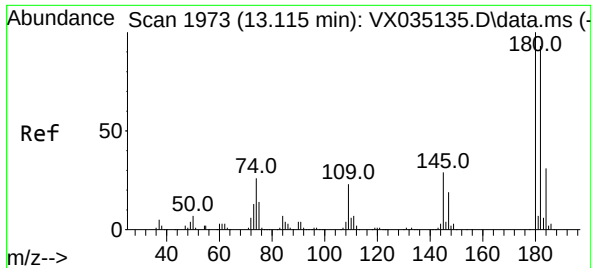
Ion Ratio Lower Upper

75 100

155 3.3 69.9 104.9#

157 2.5 90.4 135.6#

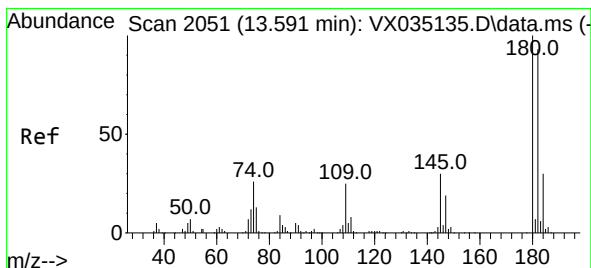
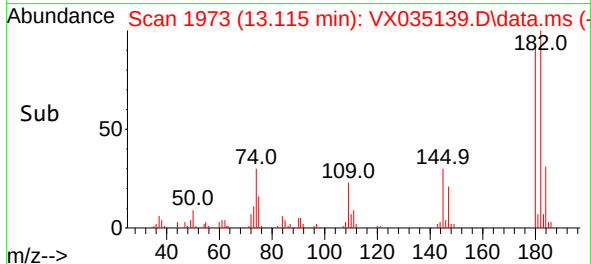
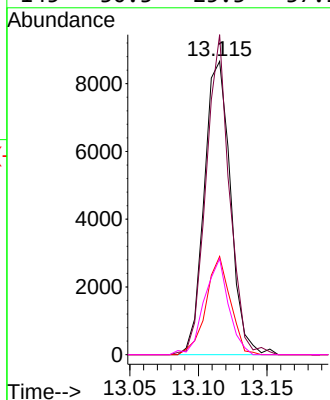
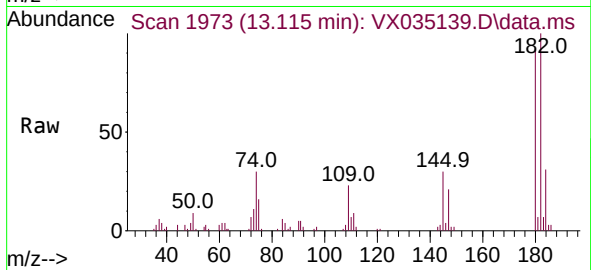




#69
 1,3,5-Trichlorobenzene
 Concen: 2.694 ug/L
 RT: 13.115 min Scan# 1157
 Delta R.T. 0.000 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52

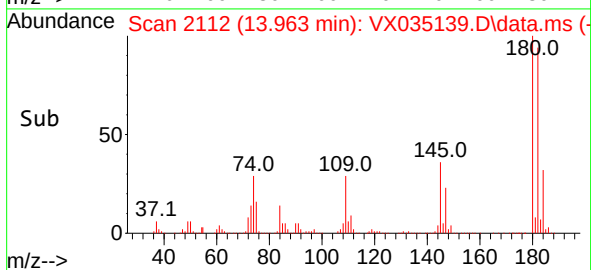
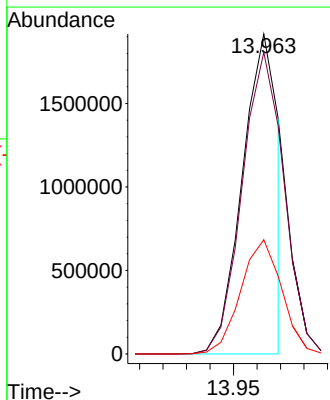
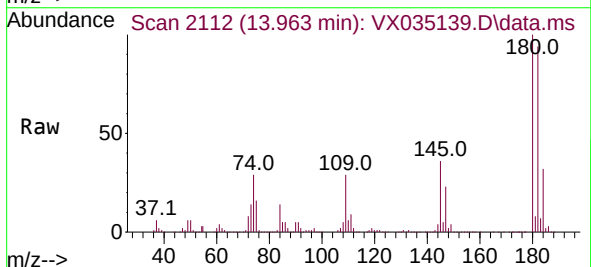
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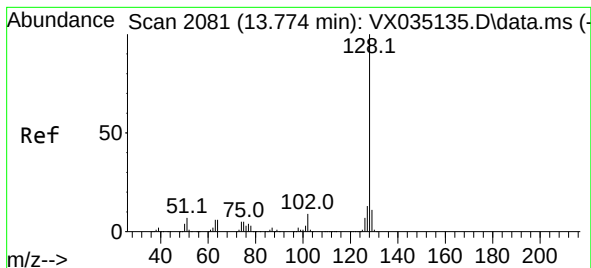
Tgt Ion:180	Resp:	11578
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.4 113.0
184	30.9	23.8 35.8
145	30.3	25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 515.408 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.372 min
 Lab File: VX035139.D
 Acq: 18 Apr 2023 21:52

Tgt Ion:180	Resp:	2074455
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.6 114.8
145	36.3	26.2 39.4





#71

Naphthalene

Concen: 1.275 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

Instrument :

MSVOA_X

ClientSampleId :

COML5

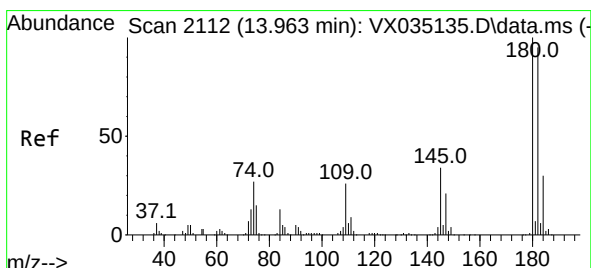
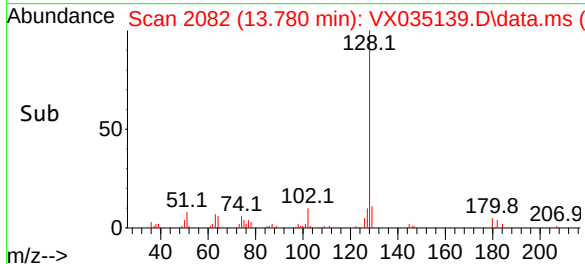
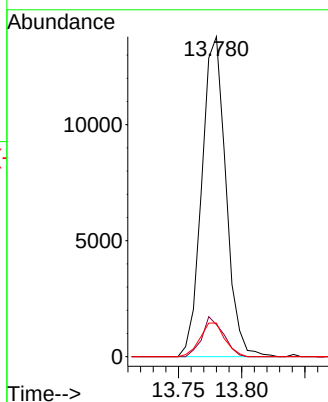
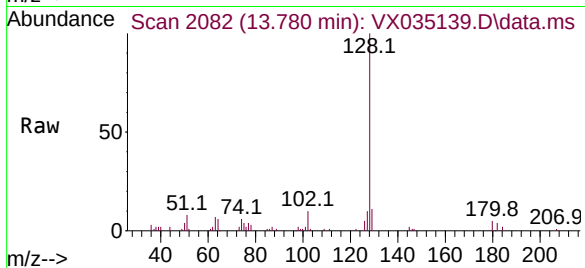
Tgt Ion:128 Resp: 18278

Ion Ratio Lower Upper

128 100

127 11.0 10.2 15.4

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 588.274 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035139.D

Acq: 18 Apr 2023 21:52

Tgt Ion:180 Resp: 2337444

Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

145 35.5 27.1 40.7

